

User's Manual

BV430RVM

REAR VIEW MIRROR

WITH BUILT-IN 4.3" (109mm) MONITOR
AND REAR VIEW CAMERA

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05.2012



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Please read this instruction manual carefully before installation and use.

Caution

- 1) This product is intended only for 12v negative ground installation only.
- 2) For best results installation must be performed by a car electronics professional technician.
- 3) Be cautions when mounting camera and or wiring near fuel tank area.
- 4) All electrical connections must be fully insulated with appropriate tape and or connectors.
- 5) Check all connections and functions prior to final assembly.

General Introduction

- This rear view mirror monitor is designed for car rear view purpose. It is combined with one 4.3 inch rear view mirror monitor and one night vision car back up camera. So when reversing or parking the car, the driver can have a better view of the surroundings and help avoid accidents.
- The 4.3 inch rear view mirror is 4.3inch high resolution digital panel with dual video input ,v1 is for car DVD or TV. V2 is for car back up camera, which will auto switch to v2 when reversing the car.
- The car camera is high definition with IR night vision, water proof & wide angle view.

4.3 inch rear view mirror monitor with camera



Contents



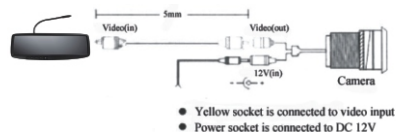
1. 4.3 inch rear view mirror 1 pc
2. Bracket for monitor 1 pc
3. Extension wire for monitor 1 pc
4. Car camera 1 pc
5. Wing bracket for camera 1 pc
6. Hole saw 1 pc
7. DC power wire for camera 1 pc
8. 5m video line 1 pc
9. User manual 1 pc



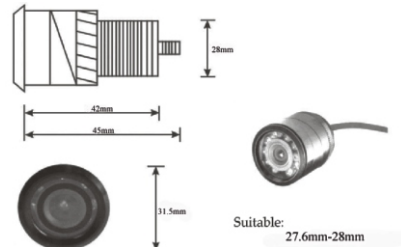
Function key

1. Video1/Video2 switching
2. Adjusting—
3. OSD Menu
4. Adjusting +
5. Power ON/OFF

Operation:



Dimensions:



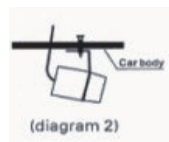
The 4.3 inch rear view mirror can be installed in following ways:

1. The rear view mirror original position
2. Using bracket (As picture), install on glass



The camera can be installed in following ways:

1. Bracket -mount (diagram 2)
2. Flush-mount (diagram 3)



The specification for 4.3inch rear view mirror

Screen size	4.3"(16:9)	Resolution	480(W)*RGB*234(H)
System	PAL/NTSC	Video	Two-way video input, V1/V2 switch
Power supply	DC12V	Power Consumption	About 7W
Work temperature	+20℃~+80℃	Storage temperature	-20℃~+80℃
Rearview		Auto Switch to V2 When Reverse the car	

The specifications for car camera

	TV System	NTSC
1	Sensor	OV7949/OV7950
2	Effective Pixel	510*492
3	Horizontal Sync Frequency	15734kHz
4	Vertical Sync Frequency	60Hz
5	Scanning System	2:1 Interface
6	Sync System	Interface
7	AGC	Auto
8	BLC	Auto
9	Resolution	420TV Lines
10	Video out	1.0Vp-p. 750hm
11	S/N Ratio	More than 48dB
12	Current Consumption	no more 150mA
13	Power Supply	DC 12V+/-10%
14	Operation Temperature	-20℃~+80℃ RH95% MAX
15	Storage temperature	-30℃~+80℃ RH95% MAX
16	Lens	F: 3.6MM/208MM/2.5MM/1.7MM
17	Horizontal Angel	92/120/170
18	Water-proof	Ip67-Ip68
19	Minimum Illumination	1.5Lux/F1.2(0 Lux LED)

Troubleshooting guide

Q1.The 4.3 rear view mirror can't start up?

Ans: Please check whether the power connection is right. The red one connects with 12V power and the black one connects with earth wire.

Q2.The camera doesn't work?

Ans: Please check whether the power connection is right. The wire must connect with reversing light.

Q3.If both 4.3 rear view mirror and car camera are correctly connected , and the rear view system still doesn't work?

Ans: The video cable must connect with video 2.